

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Tuomanen *et al.* Confirmation No.: 2930
Appl. No.: 10/751,702 Group Art Unit: 1645
Filed: 1/5/04 Examiner: N. Minnifield
For: A POLYPEPTIDE COMPRISING THE AMINO ACID OF AN N-
TERMINAL CHOLINE BINDING PROTEIN A TRUNCATE, VACCINE
DERIVED THEREFROM AND USES THEREOF

**RESPONSE TO NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT
APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR
AMINO ACID SEQUENCE DISCLOSURES**

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

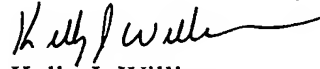
Please replace the sequence listing and the computer-readable form as originally filed in the present application with the attached sequence listing and the substitute computer-readable form submitted concurrently herewith.

SEQ ID NO:40 in the substitute sequence listing has been amended. The sequence set forth in SEQ ID NO:40 comprises the consensus sequence found in Figure 2. The original sequence listing lacked the variant/deleted amino acids which are represented in the consensus sequence of Figure 2 as "---". The amended SEQ ID NO:40 now contains "Xaa" at these positions with a designation that "Xaa" represents any amino acid or other (i.e., a deletion) and thus, correctly reflects the sequence appearing in Figure 2. It is submitted that the amendments, made in accordance with 37 C.F.R. §1.825(a), included in the substitute sheets of the sequence listing do not include new matter.

I hereby state that the substitute copy of the computer-readable form, submitted in accordance with 37 C.F.R. §1.825(b), is the same as the amended sequence listing.

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Respectfully submitted,

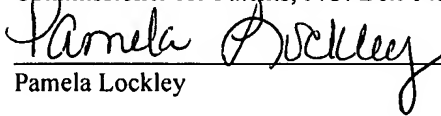


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I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Mail Stop Sequence, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.


Pamela Lockley